

Mouse hCG alpha Monoclonal Antibody | anti-hCG alpha antibody

hCG alpha antibody

CATALOG # AAA108172	HOST Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

hCG alpha; Monoclonal Antibody; hCG alpha antibody; Monoclonal hCG alpha; Anti-hCG alpha; Human Chorionic Gonadotropin; hCG; Human Chorionic Gonadotropin alpha; alpha hCG; alpha Human Chorionic Gonadotropin; anti-hCG alpha antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	M18612HC1
Specificity	alpha subunit of hCG
Purity/Purification	hCG alpha antibody was purified by Protein A chromatography.
Form/Format	Protein A purified liquid in PBS, pH 7.4, 0.9 % NaN ₃
Concentration	5.8 mg/mL (varies by lot)
Applicable Applications for anti-hCG alpha antibody	IA (Immunoassay), ELISA
Biological Significance	Human chorionic gonadotropin (hCG) is a glycoprotein hormone produced in pregnancy that is made by the developing embryo after conception and later by the syncytiotrophoblast (part of the placenta).
Biohazard Information	This product is sold as an antibody preparation for research use only. Standard Laboratory Practices should be followed when handling this material. Contains sodium azide (0.05 - 0.1 %) as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Cross-Reactivity	Recognized mainly the alpha-subunit of HCG. Cross reacts with whole molecule of HCG, hLh, hTSH, and hFSH. Does not cross-react with free beta-subunit of HCG.
Immunogen	Native human HCG (whole molecule)
Preparation and Storage	Store at 4 degree C

ADDITIONAL INFORMATION

Related Product Information for anti-hCG alpha antibody	MBS524117 is rabbit IgG directed against guinea pig serum. This IgG fraction was isolated from a high titer antiserum by salt fractionation and DEAE ion exchange chromatography. It was tittered against its immunogen , sterile filtered and analyzed for immunoglobulin purity and protein concentration.
Product Categories/Family for anti-hCG alpha antibody	Hormones & Steroids

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.